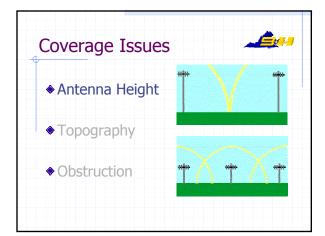
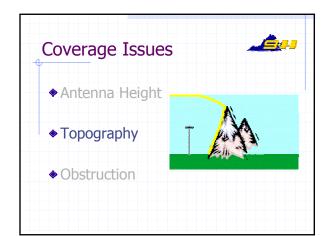


Agenda Coverage Issues Reason for Sites Structure Options Wireless Enhanced 9-1-1 Impact of sites on Public Safety









Land Acquisition



- Engineers identify the area in which a new antenna is desired.
- ◆ Land acquisition identifies locations that could be used for an antenna.
 - Existing structures
 - Buildings
 - Land zoned for telecommunications
- Existing structures may not be usable.





Wireless Phase II



- Actual location of the caller
- Two types of location determination technology:
 - Handset-based solution
 - Network-based solution
- Network-based solutions are installed at the site locations.

Impact of Sites



- ◆ Some network based solutions require a minimum of 2 to 3 sites to be "visible" to the caller.
- Sites in a line makes location less accurate.

Impact of Sites



- ◆ Access to 9-1-1 relies on wireless telephone coverage.
- Wireless telephone coverage relies on cell sites.
- There is still a portion of Virginia without coverage.

